



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor's Declaration of:

William E. Moerner et al.

Serial No.: 10/604,282

Confirmation No.: Unknown

Filed: July 8, 2003

For: FLUOROPHORE COMPOUNDS AND  
THEIR USE IN BIOLOGICAL SYSTEMS

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Group Art Unit: Unknown

Examiner: Unknown


Att'y Docket: 12665.0029.NPUS00

Client Docket: S03-110

### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

CERTIFICATE OF MAILING 37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date below:	
September 18, 2003	 Signature

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. §§ 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

IDS

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this document, the Commissioner is hereby authorized to deduct the fees from Howrey Simon Arnold & White, LLP Deposit Account 01-2508/12665.0029.NPUS00.

Applicant respectfully requests that the listed documents be made of record in the present case.

Respectfully submitted,



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Form PTO-1449 (modified)

SEP 29 2003

Atty. Docket No.  
12665.0029.NPUS01Serial No.  
10/604,282

List of Patents and Publications

Applicant's  
PATENT & TRADEMARKSApplicant  
William E. Moerner

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:  
July 8, 2003

Group:

U.S. Patent Documents  
N/AForeign Patent Documents  
N/AOther Art  
See Page 1

## Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	"Organic Photorefractive and Photosensitive Materials for Holographic Applications;" Klaus Meerholz; Proceedings of SPIE – The International Society for Optical Engineering; Vol. 4802; 9 July 2002, Seattle Washington, USA
	C2	"Fluorescent Probes and Bioconjugation Chemistries for single-molecule fluorescence analysis of biomolecules;" Achillefs N. Kapanidis and Shimon Weiss; Journal of Chemical Physics, Volume 117, Number 24, 22 December 2002
	C3	"Novel Fluorophores for Single-Molecule Imaging;" Katherine A. Willets, Oksana Ostroverkhova, Meng He, Robert J. Twieg and W. E. Moerner; J. Am. Chem. Soc. 2003, 125, 1174-1175
	C4	"Monolithic Photorefractive Organic Glasses with Large Coupling Gain and Strong Beam Fanning;" Ulrich Gubler, Meng He, Daniel Wright, Yeonsuk Roh, Robert Twieg, and W. E. Moerner; Advanced Materials 14, No. 4, February 19, 2002
	C5	"Organic Materials with Novel Optical and Electronic Properties;" Robert J. Twieg; <a href="http://www.lci.kent.edu/~chemweb/old/faculty/twieg.htm">http://www.lci.kent.edu/~chemweb/old/faculty/twieg.htm</a> ; printed June 4, 2003
	C6	Research Publications, Douglas Kline; <a href="http://dept.dent.edu/biology/kline/dkpubs.html">http://dept.dent.edu/biology/kline/dkpubs.html</a> ; printed June 4, 2003
	C7	The Kline Lab, Department of Biological Sciences, Kent State University; <a href="http://dept.kent.edu/biology/KLINE.HTM">http://dept.kent.edu/biology/KLINE.HTM</a> ; printed June 4, 2003
	C8	The Moerner Lab, Publications; <a href="http://www.Stanford.edu/group/moerner/wempubl.html">http://www.Stanford.edu/group/moerner/wempubl.html</a> ; printed June 4, 2003
	C9	"Novel Fluorophores for Single-Molecule Imaging;" Katherine A. Willets et al., J. Am Chem. Soc. 2003, Vol 125, 1174-1175
	C10	"Dicyanomethylenedihydrofuran Photorefractive Materials;" Meng He et al.; SPIE, Vol. 4802 (2002)
	C11	"Monolithic Photorefractive Organic Glasses with Large Coupling Gain and Strong Beam Fanning;" Ulrich Gubler et al.; Adv. Mater. 14, No. 4, February 19, 2002

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)